



Attorney Docket No. 037145-0501 (NC42202)

LFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pasanen, et al.
Title: Wireless Multi-hop System with
Macroscopic Multiplexing
Appl. No.: 10/749,662
Filing Date: 12/31/2003
Examiner: Unknown
Art Unit: 2681

<p>CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>Susan T. Golab</u> (Printed Name)</p> <p><u>Susan T. Golab</u> (Signature)</p> <p><u>August 31, 2005</u> (Date of Deposit)</p>
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents cited in the International Search Report (copy attached) from the corresponding PCT International Application No. PCT/IB2004/004302.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR

§1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

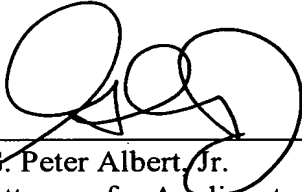
All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1450. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1450.

Respectfully submitted,

Date AUGUST 31, 2005
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By 
G. Peter Albert, Jr.
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Registration No. 37,268

Substitute for form 1449B/PTO

Date Submitted: August 30, 2005

(use as many sheets as necessary)

Sheet	1	of	2
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Application Number	10/749,662
Filing Date	12/31/2003
First Named Inventor	Pasanen et al.
Group Art Unit	2681
Examiner Name	Unknown
Attorney Docket Number	037145-0501 (NC42202)

[illegible][illegible]

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
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Date
Considered

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 30, 2005 <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/749,662
		Filing Date	12/31/2003
		First Named Inventor	Pasanen et al.
		Group Art Unit	2681
		Examiner Name	Unknown
Sheet	2	of	2
		Attorney Docket Number	037145-0501 (NC42202)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	/	Multi-hop Radio Access Cellular Concept for Fourth-Generation Mobile Communication System, YAMAO et al., Kyoto University, PIMRC 2002, 5 pgs.	
	/	Aspects for the integration of ad-hoc and cellular networks, 3 rd Scandinavian Workshop on Wireless Ad-hoc Networks, Stockholm, May 6-7 th 2003, CRISTACHE et al., Germany,	
	/	Exploiting Macrodiversity in Dense Multihop Networks and Relay Channels, VALENTI et al., 2003, IEEE, United States, pp. 1877-1882.	
	/	A Theoretical Characterization of the Multihop Wireless Communications Channel with Diversity, BOYER et al., 2001 IEEE, Canada, pp. 841-845.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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